BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BBMP/2021-22/OW/WORK_INDENT48283

NAME OF WORK: Improvements to roads Kempegowda Garden and surrounding area in ward no 12 Shettyhalli

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri B. T. Hanumantha Raju	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Excavation for road, drains and similar works Earthwork excavation by manual means for roads, drains and similars works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	200.20	233.0	Rupees Two Hundred Thirty Three Only
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs with 20mm and down size graded granite metal coarse aggregate @ 0.84cum and fine aggregate @ 0.56 cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	27.30	5714.0	Rupees Five Thousand Seven Hundred Fourteen Only
3	Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height.complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	49.14	5775.0	Rupees Five Thousand Seven Hundred Seventy Five Only

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				In Figures (Rs.)	In Words (Rs.)
4	Providing T.M.T steel reinforcement for R.C.C work including straightening cutting, bending, hooking, placing wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of ,materials, labor HOM of machinery complete as per the specification & as per direction of Engineer-in-charge of the work	MT	3.05	75223.0	Rupees Seventy Five Thousand Two Hundred Twenty Three Only
5	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made out of M25 with OPC cement @340kgs per cum , 20mm and down size graded granite metal corse aggregtes @ 0.70cm and fine aggregates @ 0.74 cum with super plasticizers, machine mixed , inclding providing and removing centering, shuttering strutting propping etc., for edges of slab with TMT steel (Fe500) cost & reinforcement charges inclding finishing as required with cost of reinforcement etc., complete as directed by engineer incharge of the work	Sqm	166.50	1615.0	Rupees One Thousand Six Hundred Fifteen Only
6	Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	422.80	44.0	Rupees Forty Four Only
7	Excavation for roadwork in all type of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting with a lead of 1.00 km complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	748.40	79.0	Rupees Seventy Nine Only

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				In Figures (Rs.)	In Words (Rs.)
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC,Carriage of mixed material to work site, spreading in uniform layers withmotor grader on prepared surface and compacting with vibratory powerroller to achieve the 98 % proctor density, complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	437.90	1994.0	Rupees One Thousand Nine Hundred Ninety Four Only
9	Wet Mix Macadam -Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	475.65	2001.0	Rupees Two Thousand One Only
10	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	2114.00	29.0	Rupees Twenty Nine Only
11	Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	2114.00	12.0	Rupees Twelve Only

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				In Figures (Rs.)	In Words (Rs.)
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	105.70	6407.0	Rupees Six Thousand Four Hundred Seven Only
13	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (30 mm to 45 mm) with6 % VG-30 Bitumencomplete as per the specification & as per direction of Engineer-in-charge of the work	Cum	63.42	7537.0	Rupees Seven Thousand Five Hundred Thirty Seven Only
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	800.00	432.0	Rupees Four Hundred Thirty Two Only

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15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	270.00	84.0	Rupees Eighty Four Only
16	Road Marking with Hot Applied Thermoplastic compound with Reflectrising Glass beads on Bituminous surface:-Providing and laying of Hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250gm/sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35,. The finished surface to be level, uniform and pre firm streaks and holes complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	112.50	454.0	Rupees Four Hundred Fifty Four Only

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